MEM-NJPB-WEB 后台接口文档

V 1.01

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# 工单管理

## 工单信息查询

***URL:http://localhost:4081/business-service/workOrders/findByUidAndConditions***

***Method:GET***

***Input:***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** | **参数类型** |
| projectId | int | Y |  | RequestParam参数 |
| dateFrom | Date | Y | 如果为空，后台默认查询本月数据 | RequestParam参数 |
| dateTo | Date | Y | 如果为空，后台默认查询本月数据 | RequestParam参数 |
| workOrderTypeId | int | Y |  | RequestParam参数 |
| placeId | int | Y |  | RequestParam参数 |
| equipmentTypeId | int | Y |  | RequestParam参数 |
| organizationId | int | Y |  | RequestParam参数 |
| workOrderStatusId | int | Y |  | RequestParam参数 |
| page | int | Y |  |  |
| size | int | Y |  |  |
| sort | String | Y | 排序字段&排序方向,例sort:'lastUpdateTime,desc' |  |
| resourceType | Integer | Y | 资源类型 0:工单资源 1:表单资源 |  |

***Output Note:***

如果faultTypeId为空，则显示faultTypeOther；

如果faultDescriptionId为空，则显示faultDescriptionOther;

如果fixApproachId为空，则显示fixApproachOther

Output

{

"resultCode": 100,

"resultMessage": "请求成功",

"resultEntity": null,

"resultTime": 1493783683534,

"resultList": [

{

"workOrderHistories": [],

"workOrderSignInDetails": [],

"id": 10,

"resourceType": 0,

"projectId": 102,

"projectNo": "SHDT",

"projectDutyUsrId": 2,

"projectDutyUserName": "ADMIN管理员",

"projectTitle": "上海地铁",

"organizationId": 2,

"organizationName": "二号线",

"organizationNameEn": null,

"placeId": 4,

"placeName": "我的路",

"placeNameEn": null,

"estateTypeName": "自动检票机",

"estateTypeNameEn": "b",

"estateSubTypeName": null,

"estateSubTypeNameEn": null,

"estateId": 10001,

"estateNo": 1,

"estateName": "tetttee",

"typeId": 0,

"estateTypeId": 5,

"estateSubTypeId": null,

"reportEmployee": 1,

"reportEmployeeUserName": "ROOT管理员",

"reportTime": 1480051116891,

"assignEmployee": 2,

"assignEmployeeUserName": "ADMIN管理员",

"repairEmployee": 10003,

"repairEmployeeUserName": "二号线负责人",

"handoverEmployee": null,

"handoverEmployeeUserName": null,

"orderTypeId": 21,

"orderTypeNameCn": "维修工单",

"orderTypeNameEn": "repairWo",

"faultTypeId": 2,

"faultTypeNameCn": "识别器安装错误",

"faultTypeNameEn": null,

"faultTypeDescription": null,

"faultDescriptionId": 10060,

"faultDescriptionNameCn": "无法启动",

"faultDescriptionNameEn": "无法启动",

"statusId": 3,

"workOrderStatusNameCn": "调度已派发",

"workOrderStatusNameEn": null,

"planDetailId": null,

"serialNo": "NO-002",

"createTime": 1480674084424,

"createBy": 2,

"lastUpdateTime": 1489747597413,

"lastUpdateBy": 2,

"isDelete": null,

"uid": 2,

"faultTypeOther": null,

"faultDescriptionOther": null,

"fixApproachOther": null,

"subEstateId": null,

"subEstateName": null,

"workOrderRemark": "上海地铁八号线->八号线-成山路-自动检票机0205001->识别器报通讯故障->无法启动",

"statusColor": "status\_yellow"

},

{

"workOrderHistories": [],

"workOrderSignInDetails": [],

"id": 10,

"resourceType": 0,

"projectId": 102,

"projectNo": "SHDT",

"projectDutyUsrId": 2,

"projectDutyUserName": "ADMIN管理员",

"projectTitle": "上海地铁",

"organizationId": 2,

"organizationName": "二号线",

"organizationNameEn": null,

"placeId": 4,

"placeName": "我的路",

"placeNameEn": null,

"estateTypeName": "自动检票机",

"estateTypeNameEn": "b",

"estateSubTypeName": null,

"estateSubTypeNameEn": null,

"estateId": 10001,

"estateNo": 1,

"estateName": "tetttee",

"typeId": 0,

"estateTypeId": 5,

"estateSubTypeId": null,

"reportEmployee": 1,

"reportEmployeeUserName": "ROOT管理员",

"reportTime": 1480051116891,

"assignEmployee": 2,

"assignEmployeeUserName": "ADMIN管理员",

"repairEmployee": 10003,

"repairEmployeeUserName": "二号线负责人",

"handoverEmployee": null,

"handoverEmployeeUserName": null,

"orderTypeId": 21,

"orderTypeNameCn": "维修工单",

"orderTypeNameEn": "repairWo",

"faultTypeId": 2,

"faultTypeNameCn": "识别器安装错误",

"faultTypeNameEn": null,

"faultTypeDescription": null,

"faultDescriptionId": 10060,

"faultDescriptionNameCn": "无法启动",

"faultDescriptionNameEn": "无法启动",

"statusId": 3,

"workOrderStatusNameCn": "调度已派发",

"workOrderStatusNameEn": null,

"planDetailId": null,

"serialNo": "NO-002",

"createTime": 1480674084424,

"createBy": 2,

"lastUpdateTime": 1489747597413,

"lastUpdateBy": 2,

"isDelete": null,

"uid": 2,

"faultTypeOther": null,

"faultDescriptionOther": null,

"fixApproachOther": null,

"subEstateId": null,

"subEstateName": null,

"workOrderRemark": "上海地铁八号线->八号线-成山路-自动检票机0205001->识别器报通讯故障->无法启动",

"statusColor": "status\_yellow"

}

],

"size": 20,

"totalElements": 3,

"totalPages": 1,

"number": 0

}

}

## 工单信息查询——坏件

## 工单信息查询——更换备件

## 工单资源查询

***URL:http://localhost:4081/business-service/workOrders/getWorkOrderResource***

***Method：GET***

***Input：***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** | **参数类型** |
| workOrderId | int | N | 工单id | RequestParam参数 |
| resourceType | int | N | 资源类型 0:工单资源 1:表单资源 | RequestParam参数 |

Output

{

"resultCode": 100,

"resultMessage": "请求成功",

"resultEntity": null,

"resultTime": 1491898871924,

"resultList": [

{

"id": 6,

"workOrderId": 10,

"fileId": 1115,

"createTime": 1491897416239,

"createBy": null,

"lastUpdateTime": 1491897416239,

"lastUpdateBy": null,

"isDelete": null,

"resourceType": 0,

"fileUrl": "http://www.avantport.com:4088/resource/9b40c86f6bd9a5051f93f5159f1d8565b582970a.jpg"

},

{

"id": 3,

"workOrderId": 10,

"fileId": 1112,

"createTime": 1491897390453,

"createBy": null,

"lastUpdateTime": 1491897390453,

"lastUpdateBy": null,

"isDelete": null,

"resourceType": 0,

"fileUrl": "http://www.avantport.com:4088/resource/4d3632966fa326643281f783adec7b19707936e7.jpg"

},

{

"id": 2,

"workOrderId": 10,

"fileId": 1111,

"createTime": 1491897381862,

"createBy": null,

"lastUpdateTime": 1491897381862,

"lastUpdateBy": null,

"isDelete": null,

"resourceType": 0,

"fileUrl": "http://www.avantport.com:4088/resource/dbbe23ed51ec49c4b5974a5f3a3ea1c298380a8f.jpg"

},

{

"id": 1,

"workOrderId": 10,

"fileId": 1110,

"createTime": 1491897371895,

"createBy": null,

"lastUpdateTime": 1491897371895,

"lastUpdateBy": null,

"isDelete": null,

"resourceType": 0,

"fileUrl": "http://www.avantport.com:4088/resource/51df8788e2eb8ed2acec11eeeeed7782474d751a.jpg"

}

]

}

## 工单历史记录

***URL:http://localhost:4081/business-service/workOrders/findHistoryByWorkOrderId***

***Method:GET***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
| workOrderId | int | N |  |

Output

{

"resultCode": 100,

"resultMessage": "请求成功",

"resultEntity": null,

"resultTime": 1482218713001,

"resultList": [

{

"userName": "ROOT管理员",

"txt": "维修已完成",

"id": 1007,

"workOrderId": 10000,

"operationDetailTypeId": 7,

"remark": "",

"t1": "",

"createTime": 1480917843706,

"createBy": 1,

"lastUpdateTime": 1482134861091,

"lastUpdateBy": null,

"isDelete": null,

"lastOperationTime": 1481619157811,

"operationTime": "8 days 02:48:34.104889"

},

{

"userName": "ROOT管理员",

"txt": "遗留",

"id": 1008,

"workOrderId": 10000,

"operationDetailTypeId": 8,

"remark": "",

"t1": "",

"createTime": 1480917843706,

"createBy": 1,

"lastUpdateTime": 1482134861091,

"lastUpdateBy": null,

"isDelete": null,

"lastOperationTime": 1481619157043,

"operationTime": "8 days 02:48:33.336889"

}

]

}

# 报表管理

## 按条件查询所有工单

***URL:http://localhost:4081/business-service/workOrders/findByUidAndConditions***

***Method:GET***

***Input:***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** | **参数类型** |
| projectId | int | Y |  | RequestParam参数 |
| dateFrom | Date | Y | 如果为空，后台默认查询本月数据 | RequestParam参数 |
| dateTo | Date | Y | 如果为空，后台默认查询本月数据 | RequestParam参数 |
| workOrderTypeId | int | Y |  | RequestParam参数 |
| placeId | int | Y |  | RequestParam参数 |
| equipmentTypeId | int | Y |  | RequestParam参数 |
| organizationId | int | Y |  | RequestParam参数 |
| workOrderStatusId | int | Y |  | RequestParam参数 |
| page | int | Y |  |  |
| size | int | Y |  |  |
| sort | String | Y | 排序字段&排序方向,例sort:'lastUpdateTime,desc' |  |
| reportEmployee | int | Y |  |  |
| repairEmployee | int | Y |  |  |

***Output Note:***

如果faultTypeId为空，则显示faultTypeOther；

如果faultDescriptionId为空，则显示faultDescriptionOther;

如果fixApproachId为空，则显示fixApproachOther

Output

{

"resultCode": 100,

"resultMessage": "请求成功",

"resultEntity": null,

"resultTime": 1488880497262,

"resultList": [

{

"id": 10002,

"projectId": 104,

"projectNo": "FZDT",

"projectTitle": "福州地铁",

"organizationId": 2,

"organizationName": "二号线",

"organizationNameEn": null,

"placeId": null,

"placeName": null,

"placeNameEn": null,

"estateTypeName": "自动检票机",

"estateTypeNameEn": null,

"estateSubTypeName": "乘客显示器",

"estateSubTypeNameEn": null,

"estateId": 10005,

"estateNo": 5,

"estateName": "乘客显示器0205001001",

"typeId": 1,

"estateTypeId": 5,

"estateSubTypeId": 5,

"reportEmployee": 2,

"reportEmployeeUserName": "ADMIN管理员",

"reportTime": 1480051116891,

"assignEmployee": 2,

"assignEmployeeUserName": "ADMIN管理员",

"repairEmployee": 10001,

"repairEmployeeUserName": "张三",

"handoverEmployee": null,

"handoverEmployeeUserName": null,

"orderTypeId": 21,

"orderTypeNameCn": "维修工单",

"orderTypeNameEn": "repairWo",

"faultTypeId": 21,

"faultTypeNameCn": "时钟光感故障",

"faultTypeNameEn": null,

"faultTypeDescription": null,

"faultDescriptionId": 10065,

"faultDescriptionNameCn": "无法锁闭",

"faultDescriptionNameEn": "无法锁闭",

"statusId": 3,

"workOrderStatusNameCn": "调度已派发",

"workOrderStatusNameEn": null,

"planDetailId": null,

"serialNo": "NO-002",

"createTime": 1480587965492,

"createBy": 2,

"lastUpdateTime": 1488532905313,

"lastUpdateBy": 2,

"isDelete": null,

"uid": 2,

"faultTypeOther": null,

"faultDescriptionOther": null,

"fixApproachOther": null,

"subEstateId": null,

"subEstateName": null,

"workOrderRemark": "上海地铁八号线->八号线-成山路-自动检票机0205001->乘客显示器0205001001->时钟光感故障->无法锁闭"

}

],

"size": 20,

"totalElements": 112,

"totalPages": 6,

"number": 0

}

# 用户管理

## 用户添加（√）

***URL:http://localhost:4071/users***

***Method:POST***

***Input:***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** | **参数类型** |
| user | Object | N |  | RequestBody参数 |
| roleIds | List<int> | N | 角色 | RequestParam参数 |
| projectIds | List<int> | N | 项目 | RequestParam参数 |

***Object user:***

**private** String **userAccount**;  
**private** String **userName**;  
**private** String **userPassword**;  
**private** String **userSurname**;  
**private** Integer **userStatus**;  
**private** Integer **userType**;  
**private** String **userPhone**;  
**private** Integer **whitelist**; --0代表黑名单，1代表白名单，白名单用户可以看到所有项目 --必填  
**private** Integer **userGroup**;  
**private** Date **createTime**;  
**private** Integer **createBy**;  
**private** Date **lastUpdateTime**;  
**private** Integer **lastUpdateBy**;  
**private** Integer **isDelete**;  
**private** Integer **titleId**;  
**private** String **userEmail**;  
**private** String **userQq**;  
**private** String **userWechart**;

Output

{

"resultCode": 20000,

"resultMessage": "新增成功",

"resultEntity": {

"roleIds": "1,20",

"roleNames": "administrator,report",

"id": 10032,

"userAccount": "lisi33",

"userName": "李四33",

"userPassword": "$2a$10$IJI2qqBIMKnAH6vrZe7OS.nRBsf1rpyilxsTyTjfSpO5gsbEPC4Oi",

"userSurname": null,

"userStatus": 0,

"userType": 0,

"userPhone": null,

"whitelist": 1,

"userGroup": null,

"createTime": 1480498984371,

"createBy": 2,

"lastUpdateTime": 1482222945228,

"lastUpdateBy": 2,

"isDelete": null,

"titleNo": null,

"titleName": "上海华铭",

"titleNameEn": null,

"titleId": 100

},

"resultTime": 1484819253014,

"resultList": null

}

## 用户修改（√）

***URL:http://localhost:4071/users/[id]***

***Method:PUT***

***Input:***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** | **参数类型** |
| user | object | N |  | RequestBody参数 |
| roleIds | List<int> | N | 角色 | RequestParam参数 |
| projectIds | List<int> | N | 项目 | RequestParam参数 |

***Object user:***

**private** String **userAccount**;  
**private** String **userName**;  
**private** String **userPassword**;  
**private** String **userSurname**;  
**private** Integer **userStatus**;  
**private** Integer **userType**;  
**private** String **userPhone**;  
**private** Integer **whitelist**; --0代表黑名单，1代表白名单，白名单用户可以看到所有项目 --必填  
**private** Integer **userGroup**;  
**private** Date **createTime**;  
**private** Integer **createBy**;  
**private** Date **lastUpdateTime**;  
**private** Integer **lastUpdateBy**;  
**private** Integer **isDelete**;  
**private** Integer **titleId**;  
**private** String **userEmail**;  
**private** String **userQq**;  
**private** String **userWechart**;

Output

{

"resultCode": 30000,

"resultMessage": "修改成功",

"resultEntity": {

"roleIds": "20,1,22,23",

"roleNames": "report,administrator,repair",

"id": 10032,

"userAccount": "lisi3355",

"userName": "李四3355",

"userPassword": "$2a$10$YQR1nTcRlwmx69DlYMm.ueaOyS7PZMIswySkDfrKhk/a9Sk2HW/Me",

"userSurname": null,

"userStatus": 0,

"userType": 0,

"userPhone": null,

"whitelist": 1,

"userGroup": null,

"createTime": 1480498984371,

"createBy": null,

"lastUpdateTime": 1484820069079,

"lastUpdateBy": 2,

"isDelete": null,

"titleNo": null,

"titleName": "上海华铭",

"titleNameEn": null,

"titleId": 100

},

"resultTime": 1484820353649,

"resultList": null

}

## 用户--批量删除（√）

***URL:http://localhost:4081/business-service/users/deleteMore***

***Method:DELETE***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
| ids | List<Integer> | N | 批量删除数量应小于等于30 |

Output

{

"resultCode": 40000,

"resultMessage": "删除成功",

"resultEntity": [

{

"id": 10042,

"userAccount": "2",

"userName": "2",

"userPassword": "$2a$10$HGIc8h4uRIoRINaR8OIQDu1WTQu6lfQkD1MpYuIfHRAc6BC6xUJ8S",

"userSurname": "2",

"userStatus": 0,

"userType": 0,

"userPhone": "2",

"whitelist": 0,

"userGroup": null,

"createTime": 1486639895742,

"createBy": 2,

"lastUpdateTime": null,

"lastUpdateBy": 2,

"isDelete": 1,

"titleId": 100

},

{

"id": 10046,

"userAccount": "aaa",

"userName": "aaa",

"userPassword": "$2a$10$SY/5LOR5L7YeZd/lvpt6SuT6Q/h9r7669PVfv8axdSJxWCAeOvHSC",

"userSurname": null,

"userStatus": 0,

"userType": 0,

"userPhone": null,

"whitelist": 0,

"userGroup": null,

"createTime": 1480498984371,

"createBy": null,

"lastUpdateTime": 1487321157933,

"lastUpdateBy": 2,

"isDelete": 1,

"titleId": 100

}

],

"resultTime": 1487658768814,

"resultList": null

}

## 查询所有用户实体（√）

***URL:http://localhost:4071/users***

***Method:GET***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
|  |  |  |  |

Output

{

"code": 40000,

"message": "查询成功",

"timestamp": 1500629403495,

"results": [

{

"id": 9999,

"userAccount": "admin",

"userName": "管理员",

"userPassword": "$2a$10$bH/ssqW8OhkTlIso9/yakubYODUOmh.6m5HEJvcBq3t3VdBh7ebqO",

"userSurname": null,

"userStatus": 0,

"userType": 0,

"userPhone": null,

"whitelist": 0,

"userGroup": null,

"createTime": 1500021255105,

"createBy": null,

"lastUpdateTime": null,

"lastUpdateBy": null,

"titleId": null,

"userEmail": null,

"userQq": null,

"userWechart": null,

"expiryTime": null,

"removeTime": null

}

]

}

## 根据分公司查询用户

***URL:http://localhost:4081/business-service/users/findByTitleId***

***Method:GET***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
| titleId | int | Y | 如果部门id为空，则查询所有用户 |

Output

{

"resultCode": 100,

"resultMessage": "请求成功",

"resultEntity": null,

"resultTime": 1482478689819,

"resultList": [

{

"roleIds": "102,20,21,22",

"roleNames": "操作员,report,assign,repair",

"id": 10002,

"userAccount": "lisi",

"userName": "李四",

"userPassword": "$2a$10$bH/ssqW8OhkTlIso9/yakubYODUOmh.6m5HEJvcBq3t3VdBh7ebqO",

"userSurname": null,

"userStatus": 0,

"userType": 0,

"userPhone": null,

"whitelist": 0,

"userGroup": null,

"createTime": 1480498984371,

"createBy": null,

"lastUpdateTime": 1482222945228,

"lastUpdateBy": null,

"isDelete": null,

"titleNo": null,

"titleName": "上海华铭",

"titleNameEn": null,

"titleId": 100

}

]

}

## 用户查重（√）

***URL:http://localhost:4081/business-service/users/findBy******UserAccount***

***Method:GET***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
| userAccount | String | N |  |

Output

{

"resultCode": 50000,

"resultMessage": "数据已存在",

"resultEntity": null,

"resultTime": 1484811755384,

"resultList": null

｝

## 用户修改密码（√）

***URL:http://localhost:4081/business-service/users/editPassword***

***Method:PUT***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
| **userPassword** | String | N | RequestParam参数 |

Output

{

"resultCode": 20000,

"resultMessage": "请求成功",

"resultEntity": null,

"resultTime": 1484811755384,

"resultList": null

｝

# 角色管理

## 角色添加（√）

***URL:http://localhost:4071/roles***

***Method:POST***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
| role | Object | N | RequestBody参数 |
| resourceIds | List<int> | N | RequestParam参数 |

***Object role:***

**private** String **title**;  
**private** Integer **groupId**;  
**private** Integer **roleGrade**;  
**private** String **roleDescription**;

Output

{

"resultCode": 20000,

"resultMessage": "新增成功",

"resultEntity": {

"id": 106,

"title": "管理员22",

"groupId": 0,

"roleGrade": null,

"roleDescription": null,

"roleT2": null,

"roleT3": null,

"createTime": 1480498837803,

"createBy": 2,

"lastUpdateTime": 1482134947573,

"lastUpdateBy": 2,

"isDelete": null

},

"resultTime": 1484807487296,

"resultList": null

}

## 角色修改(部分预设值不许修改)（√）

***URL:http://localhost:4081/business-service/roles/[id]***

***Method:PUT***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
| role | Object | N | RequestBody参数 |

|  |  |  |  |
| --- | --- | --- | --- |
| resourceIds | List<int> | N | RequestParam参数 |

***Object role:***

**private** String **title**;  
**private** Integer **groupId**;  
**private** Integer **roleGrade**;  
**private** String **roleDescription**;

Output

{

"resultCode": 30000,

"resultMessage": "修改成功",

"resultEntity": {

"id": 106,

"title": "管理员33",

"groupId": 0,

"roleGrade": null,

"roleDescription": null,

"roleT2": null,

"roleT3": null,

"createTime": 1480498837803,

"createBy": null,

"lastUpdateTime": 1482134947573,

"lastUpdateBy": 2,

"isDelete": null

},

"resultTime": 1484807784969,

"resultList": null

}

## 角色--批量删除（√）

***URL:http://localhost:4081/business-service/roles/deleteMore***

***Method:DELETE***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
| ids | List<Integer> | N | 批量删除数量应小于等于30 |

Output

{

"resultCode": 40000,

"resultMessage": "删除成功",

"resultEntity": [

{

"id": 107,

"title": "管理员88",

"groupId": 0,

"roleGrade": null,

"roleDescription": null,

"roleT2": null,

"roleT3": null,

"createTime": 1480498837803,

"createBy": 2,

"lastUpdateTime": 1482134947573,

"lastUpdateBy": 2,

"isDelete": 1

},

{

"id": 30,

"title": "product",

"groupId": 1,

"roleGrade": null,

"roleDescription": null,

"roleT2": null,

"roleT3": null,

"createTime": 1482293239189,

"createBy": null,

"lastUpdateTime": 1482293258978,

"lastUpdateBy": 2,

"isDelete": 1

}

],

"resultTime": 1487659282557,

"resultList": null

}

## 角色查重（√）

***URL:http://localhost:4081/business-service/*roles/findByTitle**

***Method:GET***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
| title | String | N | 角色名称 |

Output

{

"resultCode": 50000,

"resultMessage": "数据已存在",

"resultEntity": {

"id": 101,

"title": "管理员",

"groupId": 0,

"roleGrade": null,

"roleDescription": null,

"roleT2": null,

"roleT3": null,

"createTime": 1480498837803,

"createBy": null,

"lastUpdateTime": 1482134947573,

"lastUpdateBy": null,

"isDelete": null

},

"resultTime": 1487322518934,

"resultList": null

｝

## 角色查询（√）

***URL:http://localhost:4081/business-service/roles***

***Method:GET***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
|  |  |  |  |

Output

{

"resultCode": 100,

"resultMessage": "请求成功",

"resultEntity": null,

"resultTime": 1484809020916,

"resultList": [

{

"id": 101,

"title": "管理员",

"groupId": 0,

"roleGrade": null,

"roleDescription": null,

"roleT2": null,

"roleT3": null,

"createTime": 1480498837803,

"createBy": null,

"lastUpdateTime": 1482134947573,

"lastUpdateBy": null,

"isDelete": null

},

{

"id": 102,

"title": "操作员",

"groupId": 0,

"roleGrade": null,

"roleDescription": null,

"roleT2": null,

"roleT3": null,

"createTime": 1480499010280,

"createBy": null,

"lastUpdateTime": 1482134947573,

"lastUpdateBy": null,

"isDelete": null

},

{

"id": 20,

"title": "report",

"groupId": 1,

"roleGrade": null,

"roleDescription": null,

"roleT2": null,

"roleT3": null,

"createTime": 1482293239189,

"createBy": null,

"lastUpdateTime": 1482293258978,

"lastUpdateBy": null,

"isDelete": null

}

]

｝

## 资源权限信息获取（√）

***URL:http://localhost:4081/business-service/******resources***

***Method:GET***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
|  |  |  |  |

Output

{

"resultCode": 100,

"resultMessage": "请求成功",

"resultEntity": null,

"resultTime": 1484809120221,

"resultList": [

{

"id": 3,

"resourceNo": null,

"resourceCode": "PCR\_INDEX",

"resourceName": "首页",

"resourceNameEn": null,

"resourceType": 0,

"resourceStatus": 0,

"parentId": 2,

"resourceGrade": 0,

"resourceSort": null,

"resourceUrl": null,

"resourceEvent": null,

"resourceEventFunc": null,

"resourceImage": null,

"resourceClass": null,

"resourceStyle": null,

"resourceRemark": null,

"resourceT1": null,

"resourceT2": null,

"resourceT3": null,

"createTime": 1481190971649,

"createBy": null,

"lastUpdateTime": 1482134933366,

"lastUpdateBy": null,

"isDelete": null

},

{

"id": 49,

"resourceNo": null,

"resourceCode": "PCR\_WORKORDER",

"resourceName": "工单管理",

"resourceNameEn": null,

"resourceType": 0,

"resourceStatus": 0,

"parentId": 2,

"resourceGrade": 0,

"resourceSort": null,

"resourceUrl": null,

"resourceEvent": null,

"resourceEventFunc": null,

"resourceImage": null,

"resourceClass": null,

"resourceStyle": null,

"resourceRemark": null,

"resourceT1": null,

"resourceT2": null,

"resourceT3": null,

"createTime": 1481190972618,

"createBy": null,

"lastUpdateTime": 1482134933366,

"lastUpdateBy": null,

"isDelete": null

}

]

}

## 查询角色关联的资源（√）

***URL:http://localhost:4081/business-service/******resources/findByRoleId***

***Method:GET***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
| roleId | int | N |  |

Output

{

"resultCode": 100,

"resultMessage": "请求成功",

"resultEntity": null,

"resultTime": 1484809397608,

"resultList": [

{

"id": 1,

"resourceCode": "MEM\_HM",

"resourceName": "华铭产品质量跟踪系统",

"roleId": 22,

"roleTitle": "repair",

"createTime": 1481190971594,

"createBy": null,

"isDelete": null

},

{

"id": 2,

"resourceCode": "MEM\_HM\_WEB\_ROOT",

"resourceName": "WEB应用",

"roleId": 22,

"roleTitle": "repair",

"createTime": 1481190971627,

"createBy": null,

"isDelete": null

},

{

"id": 3,

"resourceCode": "PCR\_INDEX",

"resourceName": "首页",

"roleId": 22,

"roleTitle": "repair",

"createTime": 1481190971649,

"createBy": null,

"isDelete": null

}

]

}

# 设备/模块管理

## 条件查询设备/模块(vwUserEstate)

***URL:http://localhost:4081/business-service/userEstates/findByConditions***

***Method:GET***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
| projectId | int | Y |  |
| materialCodeId | Integer | Y |  |
| batchId | Integer | Y |  |
| estateTypeId | int |  | 同时非空，非法输入 |
| estateSubTypeId | int |  |
| typeId | int | N | 0:设备 1:模块 |

Output

{

"resultCode": 100,

"resultMessage": "请求成功",

"resultEntity": null,

"resultTime": 1492419341905,

"resultList": [

{

"id": 10266,

"estateNo": 1,

"estateName": null,

"estateTypeId": 26,

"estateTypeName": "轮椅升降台",

"placeId": null,

"placeNo": null,

"placeSn": null,

"placeName": null,

"placePlaceEn": null,

"organizationId": null,

"organizationNo": null,

"organizationSn": null,

"organizationName": null,

"organizationNameEn": null,

"estateSubTypeId": null,

"estateSubTypeName": null,

"estateStatusId": 1,

"estateStatusName": "生产调试",

"estateStatusNameEn": null,

"estateSn": "1000000337",

"materialCodeId": 37,

"materialCodeName": "P/N-021-0800021",

"materialCodeNameEn": null,

"materialCodeStandard": null,

"batchId": 11,

"batchName": "021-080010",

"batchNameEn": null,

"estateRemark": "测试出厂",

"parentId": null,

"logicalId": 10000214,

"supplierId": 279,

"supplierName": "上海",

"projectId": 102,

"projectTitle": "上海地铁",

"projectTitleEn": null,

"projectNo": "SHDT",

"projectDutyUsrId": 2,

"projectDutyUserName": "ADMIN管理员",

"usrRegisterId": 2,

"usrRegisterTime": 1490251392514,

"usrRegisterName": "ADMIN管理员",

"estatePath": "10000214",

"typeId": 0,

"createTime": 1490251392522,

"createBy": 2,

"lastUpdateTime": 1490251392522,

"lastUpdateBy": null,

"lastUserName": "ADMIN管理员",

"isDelete": null,

"uid": 2,

"qualityDate": 1482134643347,

"qualityDay": 365

}

],

"size": 20,

"totalElements": 19,

"totalPages": 1,

"number": 0

}

## 编辑设备/模块

## 删除设备/模块

# 二维码管理

## 设备/模块二维码导出

***URL:http://localhost:4081/business-service/estateBarCodes/export***

***Method:POST***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
| estateIds | List<int> | Y | 设备模块ids |

Output

{

"resultCode": 0, //大于0 请求成功，小于0操作失败

"resultMessage": null, //提示信息

"resultEntity": {

// 返回的单个对象

},

"resultTime": 1481098868834,

"resultList": null //返回的多个对象集合

}

## 设备/模块二维码条件查询(vwUserEstateBarCode)

***URL:http://localhost:4081/business-service/estateBarCodes/findByConditions***

***Method:GET***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
| projectId | int | Y |  |
| materialCodeId | int | Y |  |
| batchId | int | Y |  |
| estateTypeId | int | Y |  |
| estateSubTypeId | int | Y |  |
| hasExport | Booleam | N | 是否已经导出 |
| hasActivate | Boolean | N | 是否已经激活 |

Output

{

"resultCode": 100,

"resultMessage": "请求成功",

"resultEntity": null,

"resultTime": 1492415904908,

"resultList": [

{

"projectId": 102,

"projectTitle": "上海地铁",

"projectTitleEn": null,

"projectNo": "SHDT",

"materialCodeId": 37,

"materialCodeName": "P/N-021-0800021",

"materialCodeNameEn": null,

"batchId": 11,

"batchName": "021-080010",

"batchNameEn": null,

"barCodeMessage": "44:00000001:1000000337",

"id": 10266,

"estateNo": 1,

"estateSn": "1000000337",

"estateName": null,

"estateTypeId": 26,

"estateSubTypeId": null,

"estateTypeName": "轮椅升降台",

"estateSubTypeName": null,

"estateStatusId": 1,

"statusName": "生产调试",

"logicalId": 10000214,

"createTime": 1490251392522,

"createBy": 2,

"lastUpdateTime": 1490251392522,

"lastUpdateBy": null,

"isDelete": null,

"typeId": 0,

"uid": 2

}

],

"size": 20,

"totalElements": 19,

"totalPages": 1,

"number": 0

}

## 设备/模块二维码生成指定数量空码

# 库存管理

## 库存管理-入库/出库-操作记录

**备注:**库存进出操作(vwInventoryDetail)

***URL:http://localhost:4083/stock-service/inventoryDetails/findByConditions***

***Method:GET***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **备注** | **可否为空** |
| warehouseId | integer | 仓库ID | Y |
| materialId | integer | 物料编号 | Y |
| materialTypeId | integer | 物料类型ID | Y |
| materialModelId | integer | 物料型号ID | Y |
| materialSuppliersId | integer | 供应商ID | Y |
| inventoryDetailTypeId | integer | 1入库，2出库，3盘点，4调拨 | Y |

**Output:**

{

"resultCode": 100,

"resultMessage": "请求成功",

"resultEntity": null,

"resultTime": 1484729253796,

"resultList": [

{

"id": 10004,

"warehouseInputId": 1004,

"warehouseInputNo": null,

"warehouseInputName": "上海魔都仓库",

"warehouseInputNameEn": null,

"warehouseOutputId": 1009,

"outputWarehouseNo": null,

"outputWarehouseName": "福建厦门仓库",

"outputWarehouseNameEn": null,

"materialId": 10006,

"materialNo": null,

"materialName": "GATE-乘客显示器001",

"materialNameEn": null,

"materialSupplierId": 5,

"materialSupplierNo": null,

"materialSupplierName": "中国南车",

"materialSupplierNameEn": null,

"materialTypeId": 5,

"materialTypeNo": null,

"materialTypeName": "GATE-乘客显示器",

"materialTypeNameEn": null,

"materialModelId": 2,

"materialModelNo": "规格1\*2",

"materialModelName": "规格1\*2",

"materialModelNameEn": "规格1\*2",

"inventoryDetailTypeId": 1,

"inventoryDetailTypeName": "入库操作",

"inventoryDetailQuantity": 9999,

"inventoryDetailRemark": "测试数据勿当真",

"createTime": 1480568055439,

"createBy": null,

"userName": null,

"lastUpdateTime": 1482135023816,

"lastUpdateBy": null,

"isDelete": null

}

],

"size": 20,

"totalElements": 1,

"totalPages": 1,

"number": 0

｝

## 库存管理-入库/出库-操作记录明细

# 基础数据管理

## 系统参数管理

### 参数查询

### 参数修改

## 系统消息管理

### 消息查询

### 消息下发

### 消息保存

## 站点管理

### 站点查询

***URL:http://localhost:4071/******estatePlaces***

***Method:GET***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
|  |  |  |  |

**Output:**

{

"code": 40000,

"message": "查询成功",

"timestamp": 1500354652454,

"results": [

{

"id": 1,

"projectId": 2,

"placeNo": "南",

"placeSn": "jing",

"placeName": "南京路",

"placePlaceEn": "nanjingroad",

"placeNameShort": "njr",

"longitude": 46.5464,

"latitude": 4.145648646,

"createTime": "2017-07-18",

"createBy": 6,

"lastUpdateTime": "2017-07-18",

"lastUpdateBy": 6,

"removeTime": null

}

]

}

### 站点--名称查重

***URL:http://localhost:4071/estatePlaces/******findByPlaceName***

***Method:GET***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
| placeName | String | N | 站点名称 |

**Output:**

{

"code": 40000,

"message": "查询成功",

"timestamp": 1500364062623,

"results": [

{

"id": 1,

"projectId": 2,

"placeNo": "南",

"placeSn": "jing",

"placeName": "南京路",

"placePlaceEn": "nanjingroad",

"placeNameShort": "njr",

"longitude": 46.5464,

"latitude": 4.145648646,

"createTime": "2017-07-18",

"createBy": 6,

"lastUpdateTime": "2017-07-18",

"lastUpdateBy": 6,

"removeTime": null

},

{

"id": 2,

"projectId": 2,

"placeNo": "男",

"placeSn": "ing",

"placeName": "南京路",

"placePlaceEn": "nanjinglu",

"placeNameShort": "njl",

"longitude": 4.4645,

"latitude": 6.66666,

"createTime": "2017-07-18",

"createBy": 6,

"lastUpdateTime": "2017-07-18",

"lastUpdateBy": 6,

"removeTime": null

}

]

}

### 站点管理-新建

**备注:**新增站点

***URL:http://localhost:4071/estatePlaces***

***Method:POST***

***Input:***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** | **参数类型** |
| estatePlace | Object | N |  | RequestBody参数 |

Object estatePlace

Private Integer project\_id;  
**private** String **placeNo;**  
**private** String **placeName**;  
**private** String **placeSn**;  
**private** String **placePlaceEn**;  
**private** Integer **placeNameShort**;  
**private** Double **longitude**; --经度  
**private** Double **latitude**; --纬度

**Output:**

{

"code": 10000,

"message": "新建成功",

"timestamp": 1500369722924,

"result": {

"id": 4,

"projectId": 6,

"placeNo": null,

"placeSn": null,

"placeName": "盛",

"placePlaceEn": null,

"placeNameShort": null,

"longitude": null,

"latitude": null,

"createTime": null,

"createBy": 9999,

"lastUpdateTime": null,

"lastUpdateBy": 9999,

"removeTime": null

}

}

### 站点管理-编辑

**备注:**修改站点

***URL:http://localhost:4071/******estatePlaces/[id]***

***Method:PUT***

***Input:***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** | **参数类型** |
| estatePlace | Object | N |  | RequestBody参数 |

Object estatePlaces:

P**rivate** Integer id;

Private Integer project\_id;  
**private** String placeNo;  
**private** String **placeName**;  
**private** String **placeSn**;  
**private** String **placePlaceEn**;  
**private** Integer **placeNameShort**;  
**private** Double **longitude**; --经度  
**private** Double **latitude**; --纬度

**Output:**

{

"code": 30000,

"message": "修改成功",

"timestamp": 1500371397963,

"result": {

"id": 5,

"projectId": null,

"placeNo": null,

"placeSn": null,

"placeName": "tiantang",

"placePlaceEn": null,

"placeNameShort": null,

"longitude": null,

"latitude": null,

"createTime": null,

"createBy": null,

"lastUpdateTime": null,

"lastUpdateBy": null,

"removeTime": null

}

}

### 站点管理--批量删除

**备注:批量**删除站点

***URL:http://localhost:4071/estatePlaces/******batchDelete***

***Method:DELETE***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
| ids | List<Integer> | N | 批量删除数量应小于等于30 |

**Output:**

{

"code": 20000,

"message": "删除成功",

"timestamp": 1500376124047,

"result": [

{

"id": 4,

"projectId": 6,

"placeNo": null,

"placeSn": null,

"placeName": "盛",

"placePlaceEn": null,

"placeNameShort": null,

"longitude": null,

"latitude": null,

"createTime": null,

"createBy": 9999,

"lastUpdateTime": null,

"lastUpdateBy": 9999,

"removeTime": 1500376124006

},

{

"id": 5,

"projectId": null,

"placeNo": null,

"placeSn": null,

"placeName": "55555",

"placePlaceEn": null,

"placeNameShort": null,

"longitude": null,

"latitude": null,

"createTime": null,

"createBy": null,

"lastUpdateTime": 1500371795986,

"lastUpdateBy": 9999,

"removeTime": 1500376124006

},

{

"id": 6,

"projectId": null,

"placeNo": null,

"placeSn": null,

"placeName": "6666",

"placePlaceEn": null,

"placeNameShort": null,

"longitude": null,

"latitude": null,

"createTime": null,

"createBy": null,

"lastUpdateTime": 1500371840975,

"lastUpdateBy": 9999,

"removeTime": 1500376124006

}

]

## 设备供应商

### 供应商查询

**备注:**供应商列表信息

***URL:http://localhost:4071/estateSuppliers***

***Method:GET***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
|  |  |  |  |

**Output:**

{

"code": 40000,

"message": "查询成功",

"timestamp": 1500442896613,

"results": [

{

"id": 1,

"supplierNo": "6",

"supplierName": "测试666",

"supplierNameEn": "csfasd",

"supplierContacts": "sff",

"supplierPhone": "13327992293",

"supplierMobile": "11",

"supplierRemark": "测试",

"createTime": 1500442457559,

"createBy": 6,

"lastUpdateTime": 1500442457559,

"lastUpdateBy": 6,

"removeTime": null

},

### 供应商--名称查重

***URL:http://localhost:40******71/estateSuppliers/findBySupplierName***

***Method:GET***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
| supplierName | String | N | 供应商名称 |

**Output:**

{

"code": 40000,

"message": "查询成功",

"timestamp": 1500443035143,

"results": [

{

"id": 3,

"supplierNo": "9",

"supplierName": "测试999",

"supplierNameEn": "csfasd",

"supplierContacts": "55",

"supplierPhone": "19999592293",

"supplierMobile": "11",

"supplierRemark": "测试",

"createTime": 1500442609824,

"createBy": 9,

"lastUpdateTime": 1500442609824,

"lastUpdateBy": 9,

"removeTime": null

}

]

}}

### 设备供应商-新建

**备注:**新增设备供应商

***URL:http://localhost:4071/******estateSuppliers***

***Method:POST***

***Input:***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** | **参数类型** |
| estateSupplier | Object | N |  | RequestBody参数 |

**private** String **supplierNo**;  
**private** String **supplierName**;  
**private** String **supplierNameEn**;  
**private** String **supplierContacts**;  
**private** String **supplierPhone**;  
**private** String **supplierMobile**;  
**private** String **supplierRemark**;

**Output:**

{

"code": 10000,

"message": "新建成功",

"timestamp": 1500443655698,

"result": {

"id": 4,

"supplierNo": "231313",

"supplierName": "测试11111",

"supplierNameEn": null,

"supplierContacts": null,

"supplierPhone": null,

"supplierMobile": null,

"supplierRemark": null,

"createTime": null,

"createBy": 9999,

"lastUpdateTime": null,

"lastUpdateBy": 9999,

"removeTime": null

}

### 设备供应商-批量删除

**备注:批量**删除设备供应商

***URL:http://localhost:4071/estateSuppliers/batchDelete***

***Method:DELETE***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
| ids | List<Integer> | N | 批量删除数量应小于等于30 |

**Output:**

{

"code": 20000,

"message": "删除成功",

"timestamp": 1500444077969,

"result": [

{

"id": 4,

"supplierNo": "231313",

"supplierName": "测试11111",

"supplierNameEn": null,

"supplierContacts": null,

"supplierPhone": null,

"supplierMobile": null,

"supplierRemark": null,

"createTime": null,

"createBy": 9999,

"lastUpdateTime": null,

"lastUpdateBy": 9999,

"removeTime": 1500444077964

},

{

"id": 3,

"supplierNo": "231313",

"supplierName": "测试33333",

"supplierNameEn": null,

"supplierContacts": null,

"supplierPhone": null,

"supplierMobile": null,

"supplierRemark": null,

"createTime": null,

"createBy": null,

"lastUpdateTime": null,

"lastUpdateBy": 9999,

"removeTime": 1500444077964

}

]

}

### 设备供应商-编辑

**备注:**修改设备供应商

***URL:http://localhost:4081/business-service/estateSuppliers/[id]***

***Method:PUT***

***Input:***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** | **参数类型** |
| estateSupplier | Object | N |  | RequestBody参数 |

**private** String **supplierNo**;  
**private** String **supplierName**;  
**private** String **supplierNameEn**;  
**private** String **supplierContacts**;  
**private** String **supplierPhone**;  
**private** String **supplierMobile**;  
**private** String **supplierRemark**;

**Output:**

{

"code": 30000,

"message": "修改成功",

"timestamp": 1500443953021,

"result": {

"id": 3,

"supplierNo": "231313",

"supplierName": "测试33333",

"supplierNameEn": null,

"supplierContacts": null,

"supplierPhone": null,

"supplierMobile": null,

"supplierRemark": null,

"createTime": null,

"createBy": null,

"lastUpdateTime": null,

"lastUpdateBy": null,

"removeTime": null

}

## 设备类型

### 设备类型查询

***URL:http://localhost:4071/estateTypes***

***Method:GET***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
|  |  |  |  |

**Output:**

{

"code": 40000,

"message": "查询成功",

"timestamp": 1500448381459,

"results": [

{

"id": 1,

"name": "机柜系统",

"nameEn": "Racksystem",

"createTime": "2017-07-18",

"createBy": 6,

"lastUpdateTime": "2017-07-18",

"lastUpdateBy": 6,

"removeTime": null

},

{

"id": 2,

"name": "车桩",

"nameEn": "knee",

"createTime": "2017-07-18",

"createBy": 6,

"lastUpdateTime": "2017-07-18",

"lastUpdateBy": 6,

"removeTime": null

},

]

}

### 模块类型-根据设备类型获取模块类型数据

## 其他（Query ALL）

### 根据选择的省查询市

***URL:http://localhost:4081/business-service/citys/findByProvinceId***

***Method:get***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
| provinceId | Integer | N |  |

Output

{

"resultCode": 100,

"resultMessage": "根据provinceId查询市区，结果不为空",

"resultEntity": null,

"resultTime": 1487749458834,

"resultList": [

{

"id": 1,

"cityId": 110100,

"city": "市辖区",

"provinceId": 110000,

"createTime": 1480385558672,

"createBy": null,

"lastUpdateTime": 1482134903373,

"lastUpdateBy": null,

"isDelete": null

},

{

"id": 2,

"cityId": 110200,

"city": "县",

"provinceId": 110000,

"createTime": 1480385558694,

"createBy": null,

"lastUpdateTime": 1482134903373,

"lastUpdateBy": null,

"isDelete": null

}

]

}

### 根据选择的市查询区

***URL:http://localhost:4081/business-service/countys/findByCityId***

***Method:get***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
| cityId | Integer | N |  |

Output

{

"resultCode": 100,

"resultMessage": "根据cityId查询区，结果不为空",

"resultEntity": null,

"resultTime": 1487748802001,

"resultList": [

{

"id": 3127,

"countyId": 654201,

"county": "塔城市",

"cityId": 654200,

"createTime": 1480385752655,

"createBy": null,

"lastUpdateTime": 1482135195290,

"lastUpdateBy": null,

"isDelete": null

},

{

"id": 3128,

"countyId": 654202,

"county": "乌苏市",

"cityId": 654200,

"createTime": 1480385752671,

"createBy": null,

"lastUpdateTime": 1482135195290,

"lastUpdateBy": null,

"isDelete": null

}

]

}

### 查询所有省份

***URL:http://localhost:4081/business-service/provinces***

***Method:get***

***Input:***

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **类型** | **可否为空** | **备注** |
|  |  |  |  |

Output

{

"resultCode": 100,

"resultMessage": "查询省结果不为空",

"resultEntity": null,

"resultTime": 1487750486701,

"resultList": [

{

"id": 1,

"provinceId": 110000,

"province": "北京市",

"createTime": 1480385435864,

"createBy": null,

"lastUpdateTime": 1482134924964,

"lastUpdateBy": null,

"isDelete": null

},

{

"id": 2,

"provinceId": 120000,

"province": "天津市",

"createTime": 1480385435900,

"createBy": null,

"lastUpdateTime": 1482134924964,

"lastUpdateBy": null,

"isDelete": null

},

{

"id": 3,

"provinceId": 130000,

"province": "河北省",

"createTime": 1480385435926,

"createBy": null,

"lastUpdateTime": 1482134924964,

"lastUpdateBy": null,

"isDelete": null

}

]

}

### 工单类型（略）

***URL:http://localhost:4081/business-service/workOrderTypes***

***Method:GET***

### 工单状态（略）

***URL:http://localhost:4081/business-service/workOrderStatuses***

***Method:GET***

### 查询所有公司